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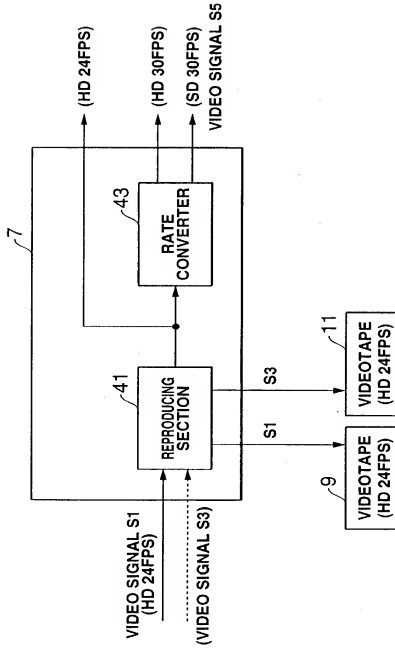


FIG.2

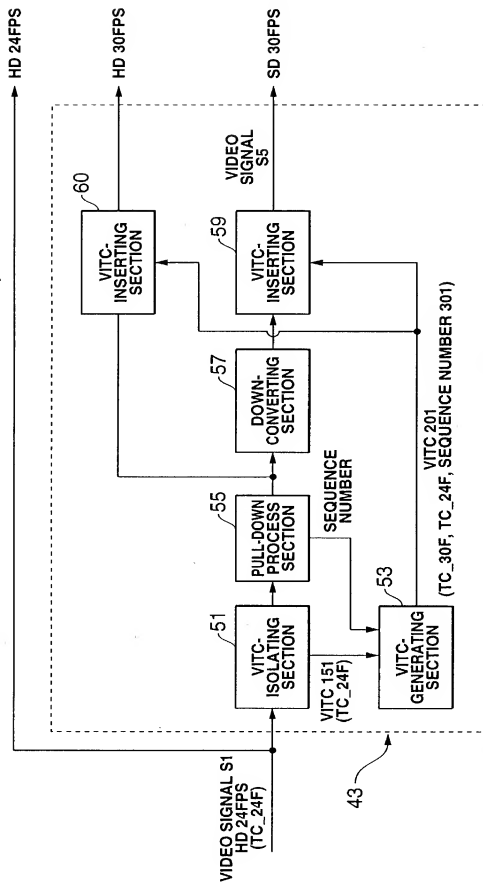


FIG. 3

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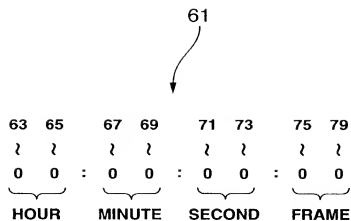


FIG.4

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101

	VITC BIT No.	SMPTE 12M
103-1	0	VITC SYNC BIT(1)
	1	VITC SYNC BIT(0)
	2	TV FRAME UNITS(1)
105-1	3	TV FRAME UNITS(2)
	4	TV FRAME UNITS(4)
	5	TV FRAME UNITS(8)
113-1	6	1st BINARY GROUP(LSB)
	7	1st BINARY GROUP
	8	1st BINARY GROUP
103-2	9	1st BINARY GROUP(MSB)
	10	VITC SYNC BIT(1)
	11	VITC SYNC BIT(0)
105-2	12	TV FRAME TENS(1)
	13	TV FRAME TENS(2)
	14	DROP FRAME FLAG
113-2	15	COLOR FRAME FLAG
	16	2nd BINARY GROUP(LSB)
	17	2nd BINARY GROUP
103-3	18	2nd BINARY GROUP
	19	2nd BINARY GROUP(MSB)
	20	VITC SYNC BIT(1)
107-1	21	VITC SYNC BIT(0)
	22	TV SECONDS UNITS(1)
	23	TV SECONDS UNITS(2)
113-3	24	TV SECONDS UNITS(4)
	25	TV SECONDS UNITS(8)
	26	3rd BINARY GROUP(LSB)
103-4	27	3rd BINARY GROUP
	28	3rd BINARY GROUP
	29	3rd BINARY GROUP(MSB)
107-2	30	VITC SYNC BIT(1)
	31	VITC SYNC BIT(0)
	32	TV SECONDS TENS(1)
108	33	TV SECONDS TENS(2)
	34	TV SECONDS TENS(4)
	35	FIELD/PHASE FLAG
113-4	36	4th BINARY GROUP(LSB)
	37	4th BINARY GROUP
	38	4th BINARY GROUP
	39	4th BINARY GROUP(MSB)

FIG.5

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101

	VITC BIT No.	SMPTE 12M
103-5	40	VITC SYNC BIT(1)
	41	VITC SYNC BIT(0)
	42	TV MINUTES UNITS(1)
109-1	43	TV MINUTES UNITS(2)
	44	TV MINUTES UNITS(4)
	45	TV MINUTES UNITS(8)
113-5	46	5th BINARY GROUP(LSB)
	47	5th BINARY GROUP
	48	5th BINARY GROUP
103-6	49	5th BINARY GROUP(MSB)
	50	VITC SYNC BIT(1)
	51	VITC SYNC BIT(0)
109-2	52	TV MINUTES TENS(1)
	53	TV MINUTES TENS(2)
	54	TV MINUTES TENS(4)
113-6	55	BINARY GROUP FLAG 0
	56	6th BINARY GROUP(LSB)
	57	6th BINARY GROUP
103-7	58	6th BINARY GROUP
	59	6th BINARY GROUP(MSB)
	60	VITC SYNC BIT(1)
111-1	61	VITC SYNC BIT(0)
	62	TV HOURS UNITS(1)
	63	TV HOURS UNITS(2)
113-7	64	TV HOURS UNITS(4)
	65	TV HOURS UNITS(8)
	66	7th BINARY GROUP(LSB)
103-8	67	7th BINARY GROUP
	68	7th BINARY GROUP
	69	7th BINARY GROUP(MSB)
111-2	70	VITC SYNC BIT(1)
	71	VITC SYNC BIT(0)
	72	TV HOURS TENS(1)
113-8	73	TV HOURS TENS(2)
	74	BINARY GROUP FLAG 1
	75	BINARY GROUP FLAG 2
103-9	76	8th BINARY GROUP(LSB)
	77	8th BINARY GROUP
	78	8th BINARY GROUP
103-9	79	8th BINARY GROUP(MSB)
	80	VITC SYNC BIT(1)
	81	VITC SYNC BIT(0)
	82	VITC CRCC CODE

FIG.6

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151

	VITC BIT No.	
103-1	0	VITC SYNC BIT(1)
	1	VITC SYNC BIT(0)
	2	24F TV FRAME UNITS
105-1	3	24F TV FRAME UNITS
	4	24F TV FRAME UNITS
	5	24F TV FRAME UNITS
113-1	6	1st BINARY GROUP
	7	1st BINARY GROUP
	8	1st BINARY GROUP
103-2	9	1st BINARY GROUP
	10	VITC SYNC BIT(1)
	11	VITC SYNC BIT(0)
105-2	12	24F TV FRAME TENS(1)
	13	24F TV FRAME TENS(2)
	14	24F DROP FRAME FLAG
113-2	15	24F COLOR FRAME FLAG
	16	2nd BINARY GROUP
	17	2nd BINARY GROUP
103-3	18	2nd BINARY GROUP
	19	2nd BINARY GROUP
	20	VITC SYNC BIT(1)
107-1	21	VITC SYNC BIT(0)
	22	24F TV SECONDS UNITS(1)
	23	24F TV SECONDS UNITS(2)
113-3	24	24F TV SECONDS UNITS(4)
	25	24F TV SECONDS UNITS(8)
	26	3rd BINARY GROUP
103-4	27	3rd BINARY GROUP
	28	3rd BINARY GROUP
	29	3rd BINARY GROUP
107-2	30	VITC SYNC BIT(1)
	31	VITC SYNC BIT(0)
	32	24F TV SECONDS TENS(1)
108	33	24F TV SECONDS TENS(2)
	34	24F TV SECONDS TENS(4)
	35	24F FIELD/PHASE FLAG
113-4	36	4th BINARY GROUP
	37	4th BINARY GROUP
	38	4th BINARY GROUP
	39	4th BINARY GROUP

FIG.7

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151

	VITC BIT No.	
103-5	40	VITC SYNC BIT(1)
	41	VITC SYNC BIT(0)
109-1	42	24F TV MINUTES UNITS(1)
	43	24F TV MINUTES UNITS(2)
	44	24F TV MINUTES UNITS(4)
	45	24F TV MINUTES UNITS(8)
113-5	46	5th BINARY GROUP
	47	5th BINARY GROUP
	48	5th BINARY GROUP
	49	5th BINARY GROUP
103-6	50	VITC SYNC BIT(1)
	51	VITC SYNC BIT(0)
109-2	52	24F TV MINUTES TENS(1)
	53	24F TV MINUTES TENS(2)
	54	24F TV MINUTES TENS(4)
	55	BINARY GROUP FLAG 0
113-6	56	6th BINARY GROUP
	57	6th BINARY GROUP
	58	6th BINARY GROUP
	59	6th BINARY GROUP
103-7	60	VITC SYNC BIT(1)
	61	VITC SYNC BIT(0)
111-1	62	24F TV HOURS UNITS(1)
	63	24F TV HOURS UNITS(2)
	64	24F TV HOURS UNITS(4)
	65	24F TV HOURS UNITS(8)
113-7	66	7th BINARY GROUP
	67	7th BINARY GROUP
	68	7th BINARY GROUP
	69	7th BINARY GROUP
103-8	70	VITC SYNC BIT(1)
	71	VITC SYNC BIT(0)
111-2	72	24F TV HOURS TENS(1)
	73	24F TV HOURS TENS(2)
	74	BINARY GROUP FLAG 1
	75	BINARY GROUP FLAG 2
113-8	76	8th BINARY GROUP
	77	8th BINARY GROUP
	78	8th BINARY GROUP
	79	8th BINARY GROUP
103-9	80	VITC SYNC BIT(1)
	81	VITC SYNC BIT(0)
	82	VITC CRCC CODE

FIG.8

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201		VITC BIT No.	
203-1	{	0	VITC SYNC BIT(1)
		1	VITC SYNC BIT(0)
		2	30F TV FRAME UNITS(1)
205-1	{	3	30F TV FRAME UNITS(2)
		4	30F TV FRAME UNITS(4)
		5	30F TV FRAME UNITS(8)
213-1	{	6	24F TV FRAME UNITS(1)
		7	24F TV FRAME UNITS(2)
		8	24F TV FRAME UNITS(4)
203-2	{	9	24F TV FRAME UNITS(8)
		10	VITC SYNC BIT(1)
		11	VITC SYNC BIT(0)
205-2	{	12	30F TV FRAME TENS(1)
		13	30F TV FRAME TENS(2)
		14	30F DROP FRAME FLAG
213-2	{	15	30F COLOR FRAME FLAG
		16	24F TV FRAME TENS(1)
		17	24F TV FRAME TENS(2)
203-3	{	18	SPEAR
		19	SPEAR
		20	VITC SYNC BIT(1)
207-1	{	21	VITC SYNC BIT(0)
		22	30F TV SECONDS UNITS(1)
		23	30F TV SECONDS UNITS(2)
213-3	{	24	30F TV SECONDS UNITS(4)
		25	30F TV SECONDS UNITS(8)
		26	24F TV SECONDS UNITS(1)
203-4	{	27	24F TV SECONDS UNITS(2)
		28	24F TV SECONDS UNITS(4)
		29	24F TV SECONDS UNITS(8)
207-2	{	30	VITC SYNC BIT(1)
		31	VITC SYNC BIT(0)
		32	30F TV SECONDS TENS(1)
208	{	33	30F TV SECONDS TENS(2)
		34	30F TV SECONDS TENS(4)
		35	30F FIELD/PHASE FLAG
213-4	{	36	24F TV SECONDS TENS(1)
		37	24F TV SECONDS TENS(2)
		38	24F TV SECONDS TENS(4)
220-1		39	Pull Down Sequence bit 0 → d0

FIG.9

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201		VITC BIT No.	
203-5	{	40	VITC SYNC BIT(1)
		41	VITC SYNC BIT(0)
		42	30F TV MINUTES UNITS(1)
209-1	{	43	30F TV MINUTES UNITS(2)
		44	30F TV MINUTES UNITS(4)
		45	30F TV MINUTES UNITS(8)
213-5	{	46	24F TV MINUTES UNITS(1)
		47	24F TV MINUTES UNITS(2)
		48	24F TV MINUTES UNITS(4)
		49	24F TV MINUTES UNITS(8)
203-6	{	50	VITC SYNC BIT(1)
		51	VITC SYNC BIT(0)
209-2	{	52	30F TV MINUTES TENS(1)
		53	30F TV MINUTES TENS(2)
		54	30F TV MINUTES TENS(4)
		55	BINARY GROUP FLAG 0
213-6	{	56	24F TV MINUTES TENS(1)
		57	24F TV MINUTES TENS(2)
		58	24F TV MINUTES TENS(4)
220-2	{	59	Pull Down Sequence bit 1 → d1
203-7	{	60	VITC SYNC BIT(1)
		61	VITC SYNC BIT(0)
211-1	{	62	30F TV HOURS UNITS(1)
		63	30F TV HOURS UNITS(2)
		64	30F TV HOURS UNITS(4)
		65	30F TV HOURS UNITS(8)
213-7	{	66	24F TV HOURS UNITS(1)
		67	24F TV HOURS UNITS(2)
		68	24F TV HOURS UNITS(4)
		69	24F TV HOURS UNITS(8)
203-8	{	70	VITC SYNC BIT(1)
		71	VITC SYNC BIT(0)
211-2	{	72	30F TV HOURS TENS(1)
		73	30F TV HOURS TENS(2)
		74	BINARY GROUP FLAG 1
213-8	{	75	BINARY GROUP FLAG 2
		76	24F TV HOURS TENS(1)
		77	24F TV HOURS TENS(2)
220-3	{	78	Pull Down Sequence bit 2 → d2
		79	Pull Down Sequence bit 3 → d3
203-9	{	80	VITC SYNC BIT(1)
		81	VITC SYNC BIT(0)
		82	VITC CRCC CODE

FIG.10

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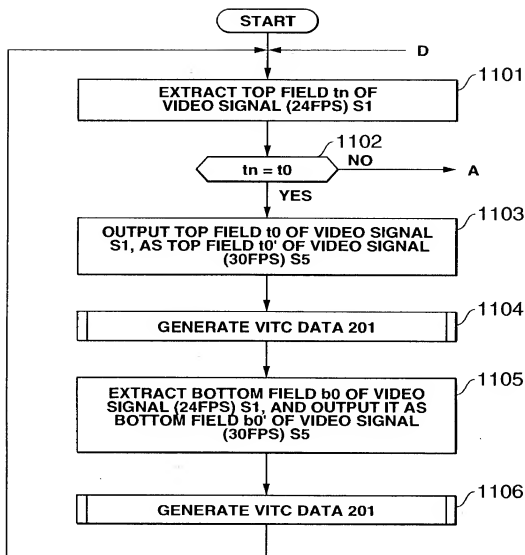


FIG.11

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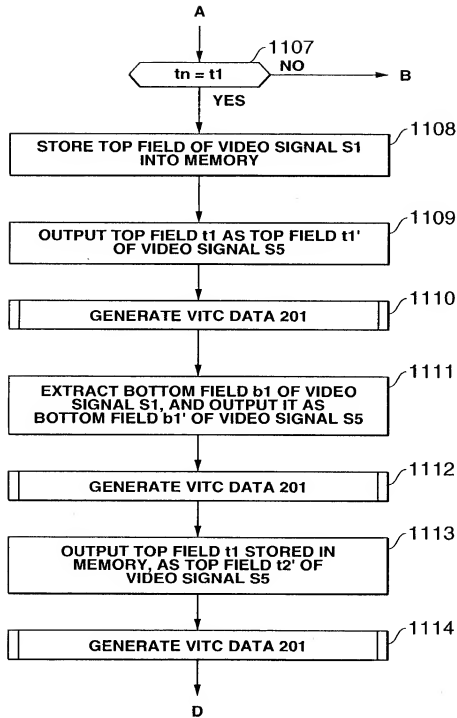


FIG.12

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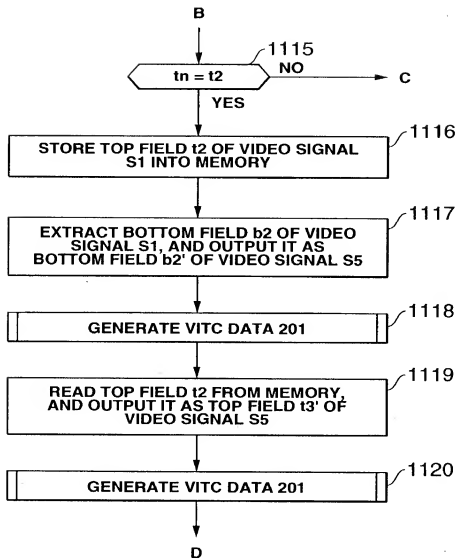


FIG.13

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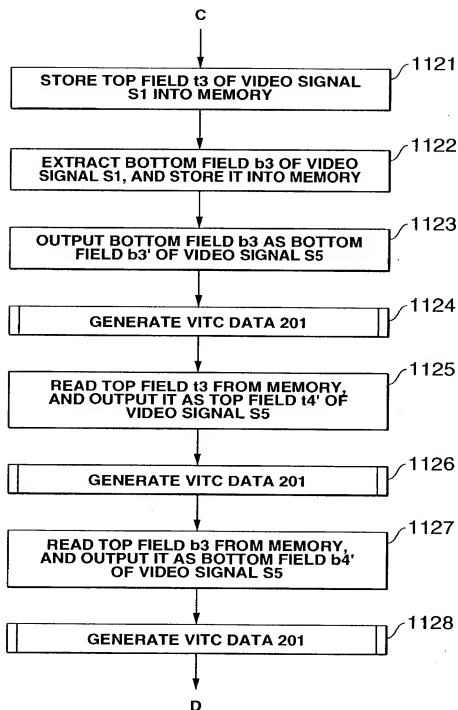


FIG.14

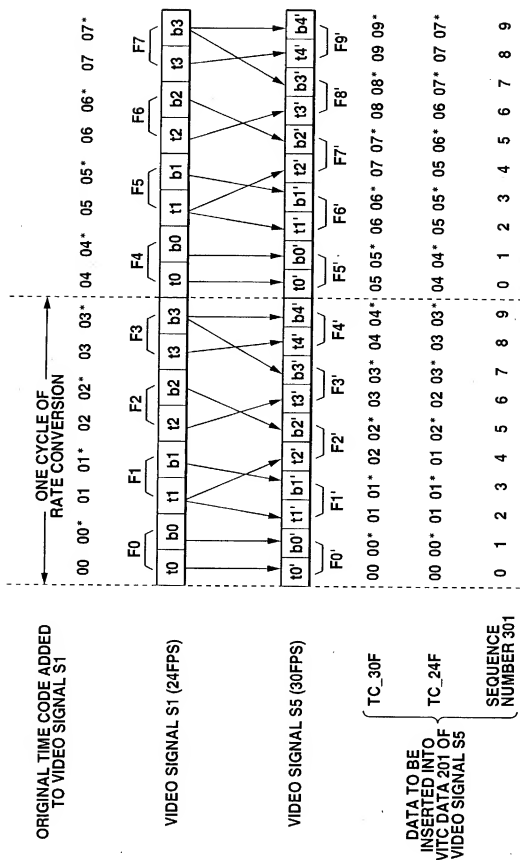


FIG. 15

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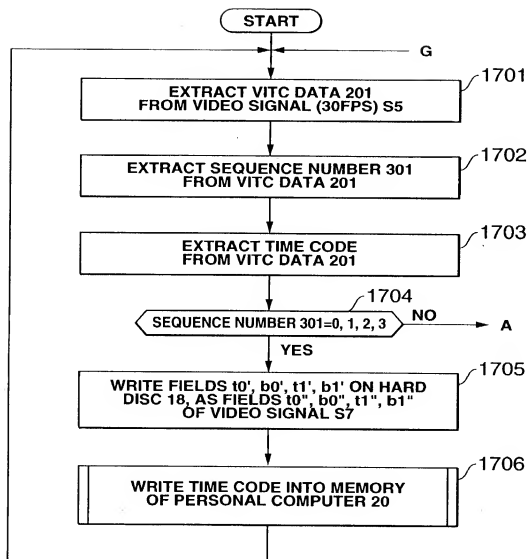


FIG.16

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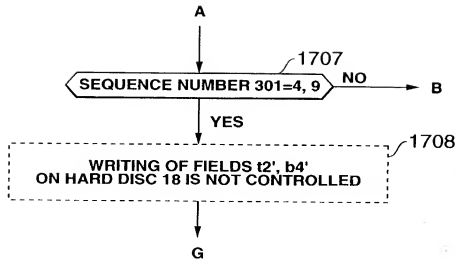


FIG.17

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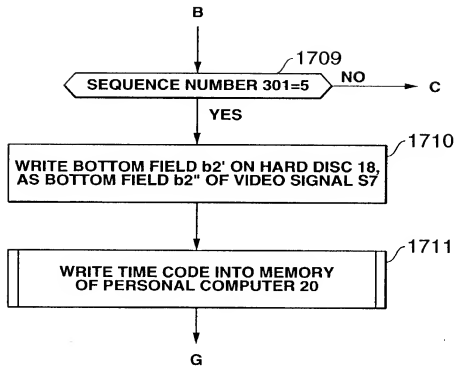


FIG. 18

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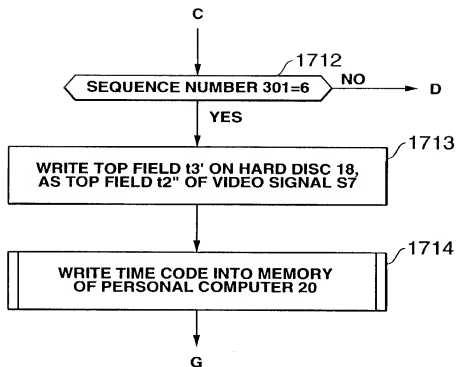


FIG.19

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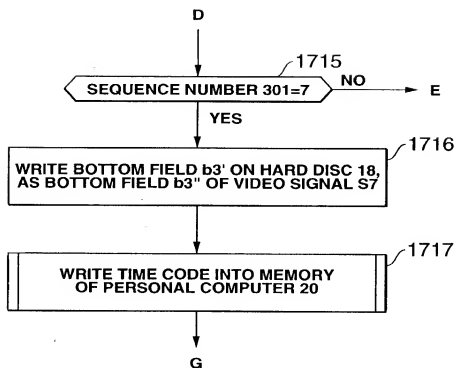


FIG.20

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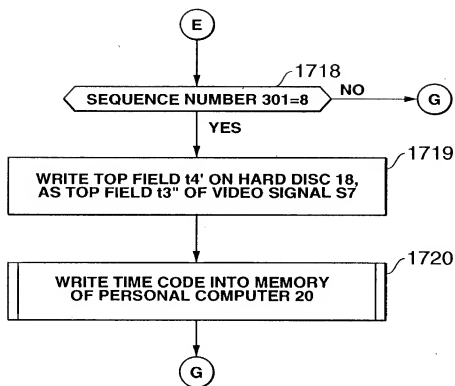


FIG.21

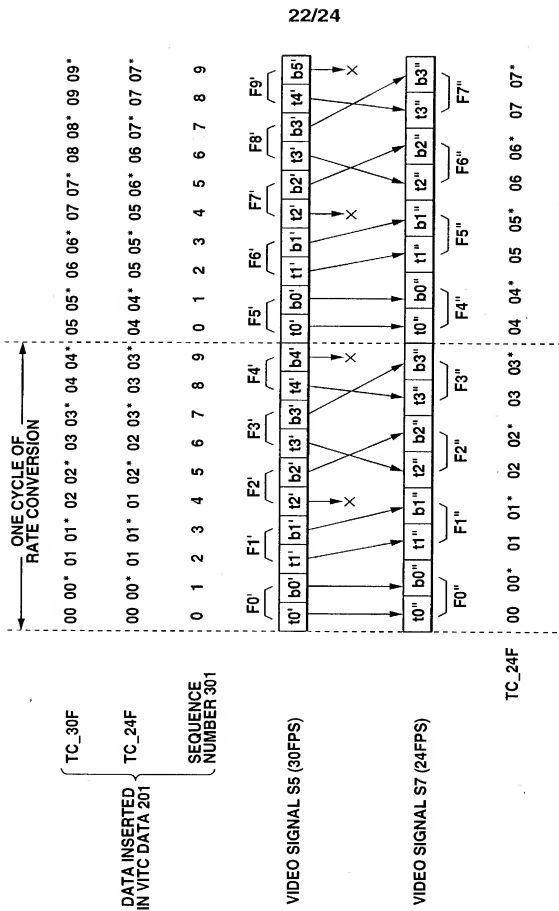


FIG.22

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	71 IN	73 OUT	75 TYPE OF TAPE
77-1 A-1	00:02:00:10	00:05:12:18	VIDEOTAPE 9
77-2 A-2	00:08:30:02	00:10:15:06	VIDEOTAPE 9
77-3 A-3	00:03:15:10	00:07:20:16	VIDEOTAPE 11
A-4	VIDEOTAPE 11
A-5	VIDEOTAPE 9

FIG.23

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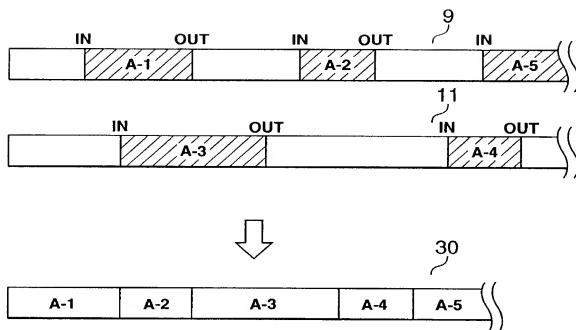


FIG.24